

Converting Colors

$Yxy(58.0954, 0.2674, 0.3086)$

Have a look what the booklet for
Yxy(58.0954, 0.2674, 0.3086)
contains.

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Color

Yxy(58.3063, 0.2677, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	9ED1E1
RGB	158, 209, 225
RGB Percent	62%, 82%, 88%
CMY	0.3802, 0.1804, 0.1176
CMYK	0.30, 0.07, 0.00, 0.12
HSL	194°, 53%, 75%
HSV	194°, 30%, 88%
XYZ	50.4969, 58.3063, 79.8293
YIQ	195.5750, -35.5320, -5.8360

Conversions

Conversions Part 2

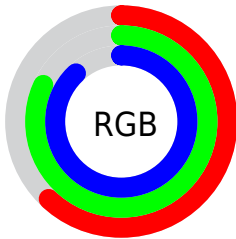
Format	Color
RYB	158, 187, 225
Decimal	10408417
CIELab	80.91, -12.75, -13.26
CIElCh	81, 18.394, 226.119
Yxy	58.3063, 0.2677, 0.3091
Android (android.graphics.Color)	4288598497 (0xFF9ED1E1)
YUV	195.5750, 14.5065, -32.9533
Hunter-Lab	76.3586, -15.5831, -8.5339

Details

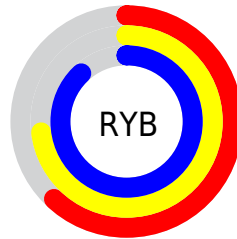
The Yxy color **58.3063, 0.2677, 0.3091** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.7676, 0.3737, 0.3479**, and the grayscale version is **54.8671, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **29.2880, 0.2562, 0.3040** is the 20% darker color. If you saturate the color by 10%, you get **53.6364, 0.2537, 0.3013**, and if you desaturate by 10%, it is **63.4877, 0.2825, 0.3164**.

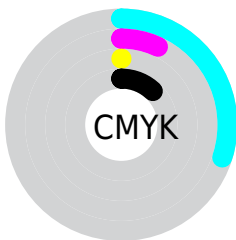
Distribution



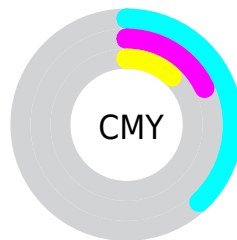
- Red (62%)
- Green (82%)
- Blue (88%)



- Red (62%)
- Yellow (73%)
- Blue (88%)



- Cyan (30%)
- Magenta (7%)
- Yellow (0%)
- Black (12%)



- Cyan (38%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.3063, 0.2677, 0.3091 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 58.3063, 0.2677, 0.3091 by changing the saturation by 10% instead.

■ 58.3063, 0.2677,
0.3091

■ 58.3063, 0.2677,
0.3091

■ 418.3263, 0.2890,
0.3190

■ 42.0549, 0.2627,
0.3067

■ 102.3688, 0.2752,
0.3127

■ 29.1443, 0.2565,
0.3036

■ 130.9487, 0.2781,
0.3140

■ 19.1900, 0.2486,
0.2995

■ 164.4069, 0.2806,
0.3152

■ 11.8077, 0.2380,
0.2939

■ 203.1278, 0.2827,
0.3161

■ 6.6128, 0.2234,
0.2858

■ 247.4958, 0.2846,
0.3170

■ 3.2212, 0.2021,
0.2732

■ 297.8953, 0.2862,

■ 1.2483, 0.1682,

0.3177

0.2510

354.7107, 0.2877,
0.3184

0.1006, 0.0000,
0.0883

0.0000, 0.0000,
0.0000

58.3063, 0.2677,
0.3091

58.3063, 0.2677,
0.3091

53.6364, 0.2537,
0.3013

63.4877, 0.2825,
0.3164

49.4474, 0.2409,
0.2930

69.1955, 0.2977,
0.3231

45.7157, 0.2296,
0.2844

75.4526, 0.3131,
0.3291

42.4125, 0.2199,
0.2756

82.2783, 0.3284,
0.3346

■ 39.5052, 0.2123,
0.2666

■ 86.6236, 0.3327,
0.3398

■ 36.9551, 0.2065,
0.2577

■ 89.7657, 0.3320,
0.3451

■ 34.6971, 0.2025,
0.2490

■ 93.0018, 0.3313,
0.3502

■ 34.6454, 0.2024,
0.2487

■ 96.3328, 0.3307,
0.3554

■ 98.2165, 0.3303,
0.3582

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.3063, 0.2758, 0.3304



58.3063, 0.2677, 0.3091



58.3063, 0.2710, 0.2944

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.3063, 0.2677, 0.3091



58.3063, 0.3311, 0.3072



58.3063, 0.3399, 0.3711

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



58.3063, 0.2677, 0.3091



48.7676, 0.3737, 0.3479

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



58.3063, 0.3558, 0.3628



58.3063, 0.2677, 0.3091



58.3063, 0.3508, 0.3259

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.3063, 0.2677, 0.3091



58.3063, 0.3069, 0.2940



58.3063, 0.3599, 0.3460



58.3063, 0.3171, 0.3675

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.3063, 0.2677, 0.3091



58.3063, 0.2793, 0.2898



58.3063, 0.3599, 0.3460



58.3063, 0.3463, 0.3695

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



58.3086, 0.2677, 0.3091



92.4538, 0.2988, 0.3235



64.1686, 0.2993, 0.3949



19.5400, 0.2965, 0.3226



0.0000, 0.0000, 0.0000



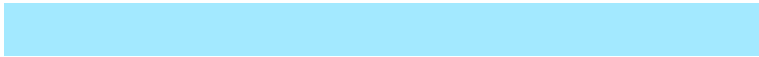
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.3086, 0.2677, 0.3091



73.3373, 0.2585, 0.3041



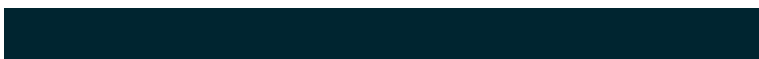
43.7188, 0.2629, 0.2661



14.9880, 0.2982, 0.3233



20.1527, 0.2028, 0.2501



1.5321, 0.2066, 0.2637

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



45.0778, 0.3301, 0.2715



53.4119, 0.3349, 0.2589



63.1749, 0.3629, 0.3848



13.8767, 0.3174, 0.3113



10.9425, 0.3921, 0.1934



0.7721, 0.3788, 0.1861

Previews

White Background



This preview shows how the Yxy color 58.3063, 0.2677, 0.3091 looks on a white background.

Color Contrast Check

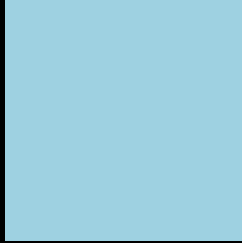
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 58.3063, 0.2677, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

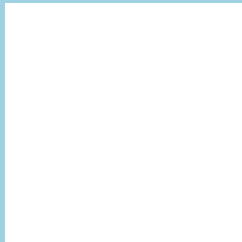
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.3063, 0.2677, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 58.3063, 0.2677, 0.3091.

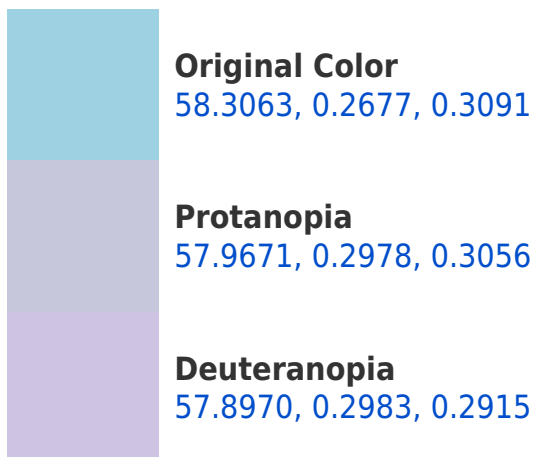


This preview shows how white text looks on a background with the Yxy color 58.3063, 0.2677, 0.3091.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia

58.3610, 0.2671, 0.3079

Trichromacy



Original Color

58.3063, 0.2677, 0.3091

Protanomaly

57.9996, 0.2858, 0.3074

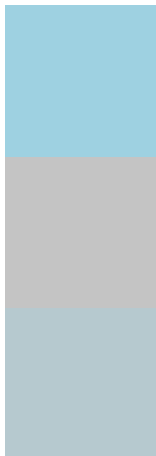
Deuteranomaly

57.6734, 0.2860, 0.2972

Tritanomaly

58.3610, 0.2671, 0.3079

Monochromacy



Original Color

58.3063, 0.2677, 0.3091

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.2234, 0.2942, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3063, 0.2677, 0.3091 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(158, 209, 225)` looks like.

```
.text, #text, p{  
    color:rgb(158, 209, 225)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(158, 209, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 209, 225) }
```

Border

The CSS property to change the border of an element to Yxy 58.3063, 0.2677, 0.3091 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 209, 225) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(158, 209, 225) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(158, 209, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 209, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 209, 225);  
box-shadow:4px 4px 4px 4px rgb(158, 209,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3063, 0.2677, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 209, 225) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(158,  
209, 225) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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